

Foretrex™ 201

personal navigator®

owner's manual



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About This Manual

Standard Package Contents:

- 1 Foretrex 201 Unit
- 1 Strap Extension
- 1 Wrist Strap
- 1 Owner's Manual
- 1 Quick Start Guide
- 1 Cradle for AC and PC connection
- 1 AC Charging Cable
- 1 PC Interface Cable

Check to see that your package includes the items listed above. If any parts are missing, contact your Garmin dealer immediately.

Thank you for choosing the Garmin Foretrex 201. To get the most from your new Foretrex 201, read through the *Quick Start Guide* first, then this *Owner's Manual* to understand all of the operating features.

The *Quick Start Guide* describes the process of navigating the Main Pages and the Option Menus, along with some basic unit operations to familiarize you with your new Foretrex 201 right out of the box. Read the *Quick Start Guide* first.

This *Owner's Manual* describes the Main Pages of the Foretrex 201 and their options in detail. While the *Owner's Manual* provides some direction on how to select and change items, its main intention is to describe each Main Page, Option Menu, and feature in detail. This manual is organized into the following sections:

The **Introduction** section provides FCC, safety, warranty, and product registration information, as well as the Table of Contents.

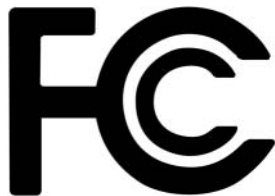
The **Overview** section provides basic information about the Foretrex 201.

The **Main Pages** section provides information on each of the six Main Pages, listed in the same order as viewed on the unit. The section for each Page provides an overview that discusses the page, how it functions, and step-by-step instructions for using the page and its features.

The **Appendix** includes additional information about the Foretrex 201

The **Index** provides keywords and the pages on which they appear.

Compliance, License, and Warranty Information



FCC Compliance

The Foretrex 201 complies with Part 15 of the FCC regulations and with Canadian RSS-210 and ICES-003 for Class B digital devices. Operation of this device is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment generates, uses, and can radiate radio frequency energy and may cause harmful interference to radio communications if not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet that is on a different circuit than the receiver's circuit.
- Consult the dealer or an experienced radio/TV technician for help.

The Foretrex 201 does not contain any user-serviceable parts. Repairs should only be made by an authorized Garmin service center. Unauthorized repairs or modifications could result in permanent damage to the equipment and void your warranty and your authority to operate this device.

Software License Agreement

BY USING THE Foretrex 201, YOU AGREE TO BE BOUND BY THE TERMS AND CONDITIONS OF THE FOLLOWING SOFTWARE LICENSE AGREEMENT. PLEASE READ THIS AGREEMENT CAREFULLY.

Garmin grants you a limited license to use the software embedded in this device (the “Software”) in binary executable form in the normal operation of the product. Title, ownership rights, and intellectual property rights in and to the Software remain in Garmin.

You acknowledge that the Software is the property of Garmin and is protected under the United States of America copyright laws and international copyright treaties. You further acknowledge that the structure, organization, and code of the Software are valuable trade secrets of Garmin and that the Software in source code form remains a valuable trade secret of Garmin. You agree not to decompile, disassemble, modify, reverse assemble, reverse engineer or reduce to human readable form the Software or any part thereof or create any derivative works based on the Software. You agree not to export or re-export the Software to any country in violation of the export control laws of the United States of America.

Product Registration

Help us better support you by completing our on-line registration today!

Have the serial number of your Foretrex 201 handy and connect to our Web site (www.Garmin.com). Look for the Product Registration link on the Home page. Also, be sure to record your serial number in the area provided to the left.

Introduction

Compliance, License, and Warranty Information

Serial Number

Use this area to record the serial number in case it is lost, stolen, or needs service. Be sure to keep your original sales receipt in a safe place or attach a photocopy inside the manual. The 8-digit number is located on the back of the unit under the wrist strap

Serial Number:

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NOTE: *If you have previously registered a Garmin product purchase, we invite you to re-register using our NEW on-line system. Many services provided by our new product registration system are now being automated and re-registering your purchase ensures you the best possible support from Garmin.*

Compliance, License, and Warranty Information

Limited Warranty

This Garmin product is warranted to be free from defects in materials or workmanship for one year from the date of purchase. Within this period, Garmin will at its sole option repair or replace any components that fail in normal use. Such repairs or replacement will be made at no charge to the customer for parts or labor, provided that the customer shall be responsible for any transportation cost. This warranty does not cover failures due to abuse, misuse, accident or unauthorized alteration or repairs.

THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED OR STATUTORY, INCLUDING ANY LIABILITY ARISING UNDER ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, STATUTORY OR OTHERWISE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, WHICH MAY VARY FROM STATE TO STATE.

IN NO EVENT SHALL GARMIN BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT OR FROM DEFECTS IN THE PRODUCT. Some states do not allow the exclusion of incidental or consequential damages, so the above limitations may not apply to you.

Garmin retains the exclusive right to repair or replace the unit or software or offer a full refund of the purchase price at its sole discretion. SUCH REMEDY SHALL BE YOUR SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY.

Compliance, License, and Warranty Information

Products sold through on-line auctions are not eligible for rebates or other special offers from Garmin. On-line auction confirmations are not accepted for warranty verification. To obtain warranty service, an original or copy of the sales receipt from the original retailer is required. Garmin will not replace missing components from any package purchased through an on-line auction.

To obtain warranty service, contact your local Garmin authorized dealer. Or call Garmin Product Support at one of the numbers shown below, for shipping instructions and an RMA tracking number. The unit should be securely packed with the tracking number clearly written on the outside of the package. The unit should then be sent, freight charges pre-paid, to any Garmin warranty service station. A copy of the original sales receipt is required as the proof of purchase for warranty repairs.

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The Garmin Foretrex 201 has no user-serviceable parts. Should you ever encounter a problem with your unit, please take it to an authorized Garmin dealer for repairs.

The Foretrex 201 is sealed shut. Any attempt to open the case to change or modify the unit in any way will void your warranty and may result in permanent damage to the equipment.

Safety Information

Warnings and Precautions

WARNING: If you choose to use the Foretrex 201 in a vehicle, it is the sole responsibility of the owner/operator of the Foretrex 201 to secure the GPS unit so that it will not cause damage or personal injury in the event of an accident. Do not mount the Foretrex 201 over airbag panels or in a place where the driver or passengers are likely to have an impact with it in an accident or collision.

WARNING: If you choose to use the Foretrex 201 in a vehicle, it is the sole responsibility of the operator of the vehicle to operate the vehicle in a safe manner, maintain full surveillance of all driving conditions at all times, and never become distracted by the Foretrex 201 to the exclusion of safe operating practices. It is unsafe to operate the Foretrex 201 while you are driving. Failure by the operator of a vehicle equipped with an Foretrex 201 to pay full attention to operating the vehicle and road conditions while the vehicle is in motion could result in an accident or collision with property damage and personal injury.

CAUTION: IT IS THE USER'S RESPONSIBILITY TO USE THIS PRODUCT PRUDENTLY. THIS PRODUCT IS INTENDED TO BE USED ONLY AS A TRAVEL AID AND MUST NOT BE USED FOR ANY PURPOSE REQUIRING PRECISE MEASUREMENT OF DIRECTION, DISTANCE, LOCATION, OR TOPOGRAPHY.

Safety Information

CAUTION: The Global Positioning System (GPS) is operated by the government of the United States, which is solely responsible for its accuracy and maintenance. The system is subject to changes which could affect the accuracy and performance of all GPS equipment. Although the Foretrex 201 is a precision electronic NAVigation AID (NAVAID), any NAVAID can be misused or misinterpreted and, therefore, become unsafe.

WARNING: This unit contains a Lithium-ion rechargeable battery. The unit must be disposed of properly. Use only under specified operating instructions.

WARNING: This product, its packaging, and its components contain chemicals known to the State of California to cause cancer, birth defects, or reproductive harm. This Notice is being provided in accordance with California's Proposition 65. If you have any questions or would like additional information, please refer to our Web site at www.garmin.com/prop65.

Care Information

Cleaning the Unit and Wrist Strap

The Foretrex 201 is constructed of high quality materials and does not require user maintenance other than cleaning. Clean the unit using a cloth dampened with a mild detergent solution and then wipe dry. Avoid chemical cleaners and solvents that may damage plastic components.

The wrist strap should be hand washed with mild detergent in warm or hot water. Blot dry then air dry. Do not machine wash.

Storing the Foretrex 201

Do not store the Foretrex 201 where prolonged exposure to temperature extremes may occur (such as in the trunk of a car) as permanent damage may result. User information, such as waypoints and routes will be retained in the unit's memory without the need for external power. It is always a good practice to back up important user data by manually recording it or downloading it to a PC (transferring it to MapSource).

Immersing the Unit in Water

The Foretrex 201 is waterproof to IEC Standard 60529 IPX7. It can withstand immersion in 1 meter of water for 30 minutes. Prolonged submersion can cause damage to the unit. After submersion, be certain to wipe and air dry the unit before reuse or charging.

To resolve problems that cannot be remedied using this guide, contact Garmin Product Support in the U.S.A. at 800/800.1020 or Garmin Europe at 44/1794.519944.

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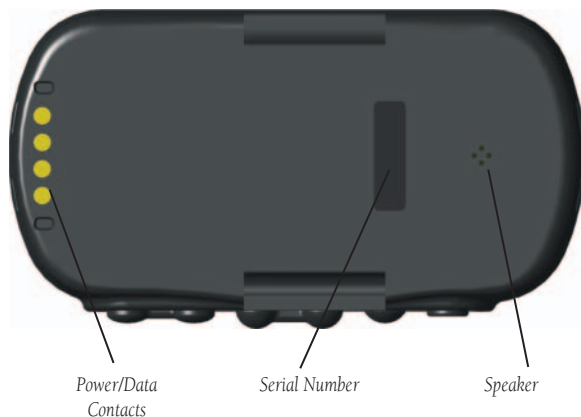
Foretrex 201 Overview

Your small, rugged, and waterproof Foretrex 201 unit is perfect for easily maneuvering from one waypoint to the next. With handy and convenient wrist-strap design, the powerful Foretrex 201 allows you to store up to 500 waypoints and 20 routes in the unit's memory. The unit also provides PC and external power connectivity, and built-in WAAS capability. In addition, the Foretrex 201 boasts a customizable trip computer, 10,000 trackpoints, as well as PanTrack™ and TracBack®.

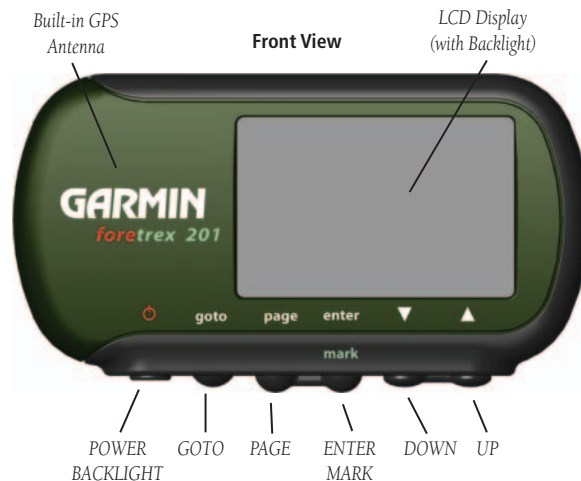
The images below describe the buttons and some features of your Foretrex 201.

Getting Started

Back View (without strap)

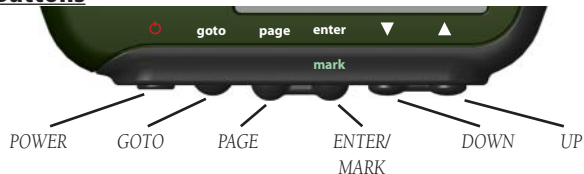


Front View



Getting Started

Using the Buttons



The **POWER** button:

- Press and hold to turn unit on and off
- Press and release to turn display backlight on and off
- Press and hold **PAGE**, then simultaneously press **POWER** to reset the unit

The **GOTO** button:

- Press to initiate a GOTO (navigate to a specific destination/waypoint)

The **PAGE** button:

- Press to switch between the main Pages
- Press to back out or escape out of the present page or screen, or
- Press to 'undo' the most recent action on a page

The **ENTER/MARK** button:

- Press to confirm data entry or menu selection
- Press and hold to mark a waypoint

The **UP/DOWN** buttons:

- Highlight options on pages and menus
- Adjust display contrast on the Satellite Page
- Zoom out (**UP**) and in (**DOWN**) on Map Page

Using the Wrist Strap

The Foretrex 201 has been designed to comfortably fit your wrist. For best performance, wear the Foretrex 201 like a watch, with the top face of the unit oriented towards the sky. A strap extension provides additional length and easily attaches to the existing strap.

To fasten the Foretrex 201 to your wrist:

1. With the strap open, place the Foretrex 201 on your wrist.
2. Slide the end of the strap through the connector.
3. Adjust to fit comfortably and secure the strap using the Velcro. Do not adjust too tightly around your wrist as this may restrict blood circulation.

To add the strap extension:

1. Slide the end of the existing strap through the connector on the extension.
2. Place the Foretrex 201 on your wrist or arm.
3. Slide the end of the extension through the existing connector.
4. Adjust to fit comfortably and secure the strap using the Velcro. Do not adjust too tightly around your wrist/arm as this may restrict blood circulation.

Getting Started

To remove the wrist strap from the Foretrex 201:

1. Place your Foretrex 201 on a cloth or soft surface to avoid scratching the case.
2. While holding the Foretrex 201 steady with one hand, use a jeweler's band pin removing tool or a very soft flat head screwdriver. Catch the spring bar's loaded stem and pull it back enough for the band to clear the case's edge.

To replace the wrist strap on the Foretrex 201:

1. To reinstall, insert the spring bar into the wristband and place one side of the spring bar into one pinhole.
2. Compress the spring bar, and snap it into the other pinhole. Be sure that the spring bars are secure in the pinholes before using your Foretrex 201.

Charging the Battery

The Foretrex 201 operates on a rechargeable lithium-ion battery. This battery lasts as long as 15 hours when fully charged.

To charge the battery:

1. Wipe the contacts dry, if needed.
2. Snap the Cradle to the unit with the 4-contact end in first (shown in the top image to the right).
3. Connect the AC Charging Cable in to the connector labeled "5.0V DC" (shown in the lower image to the right) on the Charging Cradle.
4. Connect the AC Charging Cable to a power source.

Full recharge time should take between 2 and 3 hours. The battery must be charged at least 2 hours before initial use.



NOTE: *If the unit has been stored for a long period of time, it may require up to 30 minutes of charging before it powers on and/or indicates charging. The Foretrex 201 unit's memory stores your data indefinitely. Battery life may be decreased in extreme temperatures or as the battery ages.*

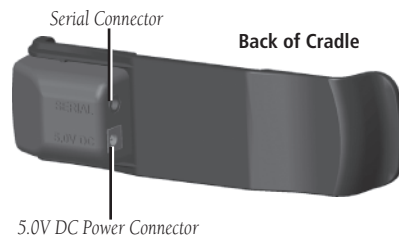
Connecting the Foretrex 201 to your Computer

To connect your Foretrex 201 to your computer, place the unit in the cradle as described above. Connect the PC Interface Cable to the Serial Connector on the Cradle. Connect the other end of the PC Interface Cable to an available serial port on your computer.

Getting Started



Snapping the Foretrex 201 into the cradle



Getting Started

Turning on the Foretrex 201

After the Foretrex 201 is completely charged, it is ready for use. Allow the Foretrex 201 time to track satellites and determine your position the first time you use it. Upon startup, the GPS signal bar appears. As the Foretrex 201 locates more satellites and the signal strength increases, the bar moves to the right. Estimated GPS accuracy displays underneath the GPS signal bar. Turn to page 5 to learn how to recharge the Foretrex 201.

To turn on the Foretrex 201:

1. Press and hold the **POWER** button until the Satellite Page is displayed, then release.
2. Your Foretrex 201 automatically begins acquiring satellites. The GPS Signal Bar and accuracy field are shown on the Satellite Page as well as an image that is acquiring satellites. The satellite dish icon on the left side of the screen flashes while the Foretrex 201 determines your location.
3. Leave the Foretrex 201 with a clear view of the sky for 15–30 minutes initially. After the first use, it should only take less than a couple minutes to acquire satellites.
4. When the Foretrex 201 acquires enough satellite signals to determine your location, the satellite dish icon on the left side of the screen stops flashing.



NOTE: *If you have moved over 500 miles from the location you last used your Foretrex 201 unit, or you have not used your Foretrex 201 in more than one month, it may take 15 to 30 minutes to determine your location.*

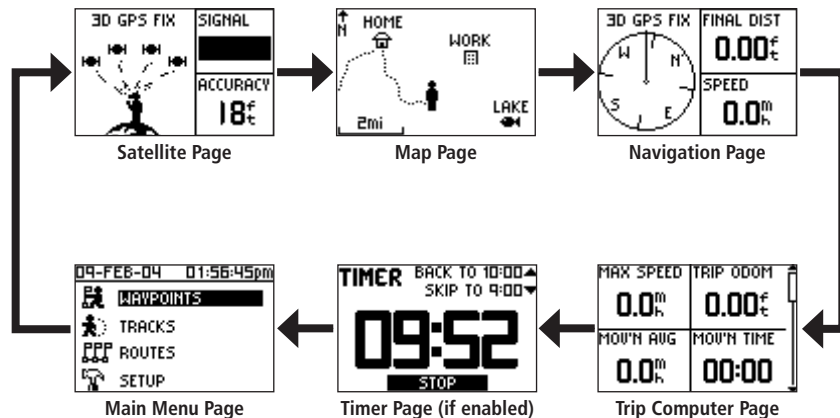
Getting Started

Using the Main Pages

All of the information needed to operate the Foretrex 201 is found on six main 'pages' (or display screens). These pages are the Satellite, Map, Navigation, Trip Computer, Timer (if enabled), and Main Menu.

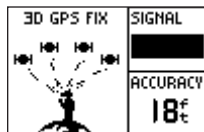
Switching Between the Main Pages

Simply press the **PAGE** button to switch between pages as shown below.



Main Pages

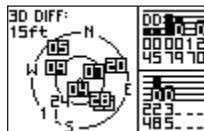
Satellite Page



Satellite Page



Satellite Page Options



Advanced Satellite Page

Using the Satellite Page

The Satellite Page shows the Foretrex 201 gathering all the necessary satellite information in order to work. The Satellite Page shows you the satellites being acquired (in animation), satellite signal strength, and the Foretrex 201 unit's estimated location accuracy.

When the message on the Satellite Page no longer reads “Acquiring...”, the Foretrex 201 has found your location and you are ready to go!



NOTE: If you are using your Foretrex 201 for the first time, have moved over 500 miles from the location you last used your Foretrex 201 unit, or have not used your Foretrex 201 in more than one month, allow time for the unit to track satellites by leaving it outside with a clear view of the sky for 15 to 30 minutes.

Using the Satellite Page Options

Press the **ENTER** button to display the Satellite Page Options.

Setup Display: Press **ENTER** when ‘SETUP DISPLAY’ is highlighted to open the Display Setup page. Refer to the next section for information about the Light Timeout and Contrast.

Advanced Sky View: When Advanced Skyview is highlighted in the Satellite Page Options list, press the **ENTER** button to switch the animation to the advanced sky view. The Advanced Sky View displays two circles with numbers indicating the satellites the unit is acquiring. The bars on the right side of the page indicate the signal strength of each satellite.

When the unit is set to display the Advanced Sky View page, you can set the orientation of the map by toggling between Orient Sky Ahead and Orient Sky Northward.

You can toggle back to the normal sky view by pressing the **ENTER** button when ‘NORMAL SKYVIEW’ is highlighted.

Adjusting the Backlighting and Contrast

If the lighting conditions make it hard for you to see the screen, adjust the contrast or turn on the backlight. You may also make these adjustments through the Main Menu Page. See the “Setup Menu: Set Display” section on page 46 for more information.

To use the backlight:

1. Press and release the **POWER** button from any screen to turn on the backlight.
2. The backlight is timed to stay on for 30 seconds. Press the **POWER** button again if you wish to turn the backlight off before the automatic light timeout.

To adjust the backlight timeout from the Satellite Page:

1. Press the **PAGE** button until you see the Satellite Page.
2. Press **ENTER** to display the Satellite Page Options.
3. Press **UP/DOWN** to highlight ‘SETUP DISPLAY’ from the options menu. Press **ENTER**.
3. Press **UP/DOWN** to highlight the line below ‘LIGHT TIMEOUT’. Press **ENTER**.
4. Press **UP/DOWN** to highlight the desired duration for the backlight to remain on before it automatically turns off. Press **ENTER** to select the desired time limit.

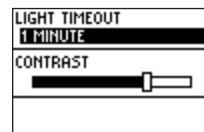
To adjust the screen contrast from the Satellite Page:

1. Press the **PAGE** button until you see the Satellite Page.
2. Press **ENTER** to display the Satellite Page Options.
3. Press **UP/DOWN** to highlight ‘SETUP DISPLAY’ from the options menu. Press **ENTER**. Use the **UP/DOWN** buttons to highlight the line below ‘CONTRAST’. Press **ENTER**.
- Or Press **UP/DOWN** on the Satellite Page to automatically bring up the contrast slider.
4. Press the **UP** button to make the screen darker or the **DOWN** button to make it lighter.

Satellite Page



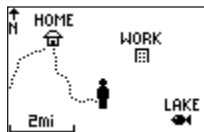
Satellite Page Options



Display Setup

Main Pages

Map Page



Map Page



Map Page Options

Using the Map Page

The Map Page shows where you are (the animated figure) and provides a picture of where you are going. As you travel (the animated figure 'walks') and leaves a 'trail' (track log). Waypoint names and symbols are also shown on the map.

To help you better visualize the 'real world', Foretrex 201 automatically rotates the map as you move, so that waypoints that are ahead of you are always displayed above the animated figure. The Heading Indicator shows the direction you are heading.

To make sure you can see your entire trip, you can change the map scale (from 20 feet to 800 miles) by pressing and holding the **UP** button to view a larger area (zoom out), or the **DOWN** button for viewing a smaller area (zoom in).

Map Page Options

Press **ENTER** when the Map Page is displayed to access the Map Page Options. The following options are available:

Clear Track Log: Press **ENTER** when this is highlighted to clear the track log that is created automatically.

Measure Distance: Press **ENTER** when this is highlighted to measure the distance between two waypoints. Refer to page 12 for instructions on measuring distance.

Map Setup: Press **ENTER** when this is highlighted to adjust the map settings including:

Orient Map (Ahead or Northward): When 'AHEAD' is selected, the top of the map is oriented in the direction you are currently moving. When 'NORTHWARD' is selected, the map is always oriented to the North.

Auto Zoom (On or Off): When 'AUTO ZOOM' is turned on, the map automatically adjusts its scale to display your entire navigating route until you manually change the zoom level. When it is turned off, you must press the **UP** or **DOWN** button to select the appropriate map scale.

Waypoints (Show or Hide): Allows you to view the map with or without waypoints.

GOTO Line (Bearing or Course): Toggles between Bearing (always directed at destination and follows you as you move) and Course (fixed from your starting location).

Defaults: Press **ENTER** when this is highlighted to restore the unit to the default Map Setup settings.

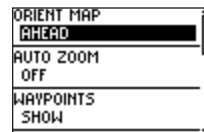
The following option is shown only if you have an active track log:

Pan Track Log: Press **ENTER** when this is highlighted to move the pointer to any point along the track. Press **ENTER** to then start a TRACBACK or a GOTO, MARK a waypoint, or ZOOM In or Out.

The following option is shown only if you are actively navigating to a destination:

Stop Navigation: Press **ENTER** when this is highlighted to stop any active navigation. Navigation refers to any time you are using the Foretrex to guide you to a destination.

Map Page



Map Setup Page



Pan Track Log



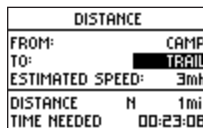
Map Page Options

Main Pages

Map Page



Clearing the Track Log



Measure Distance Page



Edit Number Page

To clear the track log from the Map Page:

1. Press the **ENTER** button while on the Map Page to display the Map Page Options.
2. Press the **UP** or **DOWN** button to highlight 'CLEAR TRACK LOG' and press the **ENTER** button.
3. At the message "DO YOU REALLY WANT TO CLEAR THE TRACK LOG?", use the **DOWN** button to highlight 'YES' and press the **ENTER** button to clear the track log and return to the Map Page.

To measure distance:

1. Press the **PAGE** button until you see the Map Page. Press **ENTER** to display the Map Page Options.
2. Press **UP/DOWN** to highlight 'MEASURE DISTANCE' from the options menu. Press **ENTER**.
3. Press **ENTER** when the field to the right of 'FROM' is highlighted to select a waypoint from which to measure. Use the arrow buttons to highlight the desired waypoint from the waypoint list. Press **ENTER** to select the waypoint.
4. Press **ENTER** when the field to the right of 'TO' is highlighted to select a waypoint to end the measurement.
5. Press **ENTER** when the field to the right of 'Estimated Speed' is highlighted to enter an estimated speed. The Edit Number page is displayed to allow you to enter the speed.
6. Use the **ENTER** button and the **UP** and **DOWN** buttons to enter a new speed. Highlight 'OK' and press **ENTER** when finished. The unit returns to the Measure Distance Page.

The total distance between the two points and the time needed to travel to the selected point is displayed at the bottom of the page.

Using the Navigation Page

The Navigation Page helps guide you to a destination. When you are moving with no particular destination in mind, the Navigation Page shows you your moving direction and speed.

When you are moving towards a specific destination (navigating a course), the Navigation Page displays the name of the location, two data fields (that display distance to final destination and speed by default), and a direction arrow in the compass ring. To navigate, simply follow the arrow.

Navigation Page Options

Press **ENTER** when the Navigation Page is displayed to access the Navigation Page Options. The following options are available:

Change Fields: Press **ENTER** when this is highlighted to change the data fields that appear on the right-hand side of the display. For a complete list and description of the data fields available in the Foretrex, refer to page 55-56.

Restore Defaults: Press **ENTER** when this is highlighted to restore the unit to the default Navigation Page settings.

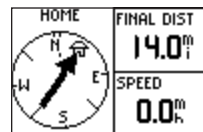
When you are navigating to a destination the following option is also displayed:

Stop Navigation: stops any active navigation (displays only when navigating).

To select a Navigation Page option:

1. Press the **ENTER** button on the Navigation Page. The Options Menu displays.
2. Press the **UP** or **DOWN** button, highlight the desired option, and press **ENTER** to make the changes and close the Options Menu.

Navigation Page



Navigation Page

Navigating to Home

Main Pages

Trip Computer

MAX SPEED	TRIP ODOM
0.0 ^m	0.00 ^f
MOV'N AVG	MOV'N TIME
0.0 ^m	00:00

Trip Computer:
Four small data fields

MAX SPEED	TRIP ODOM
OPTIONS	
CHANGE FIELDS	
RESET MAX SPEED	
RESET TRIP DATA	
RESTORE DEFAULTS	

Trip Computer Options

Using the Trip Computer

The Trip Computer stores information for your trip from the time it is reset until it is re-set again. The Trip Computer displays information about your trip, such as your maximum speed and trip odometer. You may change the trip computer data fields to suit your needs.

The trip computer displays information (trip data) in three full screens: the first screen displays four small data fields. As you scroll down you two medium sized data fields are shown and finally one large data field is displayed. The Foretrex remembers which trip computer page you previously viewed and displays that same screen when you view the Trip Computer Page again. For example, if you were monitoring your speed using the one large data field format, when you return again to the view the trip computer, your speed is displayed in the large data field format.

Trip Computer Options

Press **ENTER** to display the following Trip Computer Page Options:

Change Fields: Press **ENTER** when this is highlighted to change the data fields that appear on the right-hand side of the display. For a complete list and description of the data fields available in the Foretrex, refer to page 55-56.

Reset Max Speed: Press **ENTER** when this is highlighted to reset the Maximum Speed achieved during a trip.

Reset Trip Data: Press **ENTER** when this is highlighted to reset the trip time, trip distance (odometer), and average speed.

Restore Defaults: Press **ENTER** when this is highlighted to restore the Trip Computer data fields to the defaults.

Displaying the Timer Page

By default, the Timer Page is not displayed. You must access the Main Menu and enable the Timer Page before you can display and use it.

To enable the Timer Page:

1. Press the **PAGE** button until the Main Menu Page is displayed.
2. Use the **UP** and **DOWN** buttons to highlight 'SETUP' and press **ENTER**.
3. Use the **UP** and **DOWN** buttons to highlight 'SET TIMER' and press **ENTER**.
4. Use the **UP** and **DOWN** buttons to highlight the field below 'SHOW TIMER PAGE' and press **ENTER**.
5. Use the **UP** and **DOWN** buttons to highlight 'YES' and press **ENTER**.
6. Press the **PAGE** button to exit the menu pages.

Setting the Timer

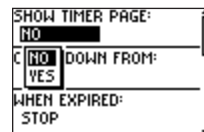
Before you can use the timer, you must set the timer to count down from a particular number, such as 10 minutes. You can also program what the timer will do when the time has expired and what tones will sound at the timer's expiration and intervals. This section will simply explain how to set the timer to count down. For more information about setting up the timer, refer to the "Setup Menu: Set Timer" section of this guide.

Timer Page



Timer Page:

Timer running

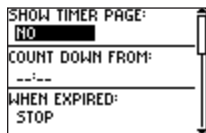


Set Timer Page:

Show Timer

Main Pages

Timer Page



Set Timer Page:

Timer Defaults



Setting the Count Down From field



Edit Time Page

To set the Timer:

1. Press the **PAGE** button until the Main Menu Page is displayed.
2. Use the **UP** and **DOWN** buttons to highlight 'SETUP' and press **ENTER**.
3. Use the **UP** and **DOWN** buttons to highlight 'SET TIMER' and press **ENTER**.
4. Use the **UP** and **DOWN** buttons to highlight the field below 'COUNT DOWN FROM' and press **ENTER**.
5. Use the **UP** and **DOWN** buttons to highlight the desired time (10, 6, 5, or 4 minutes) and press **ENTER**. You can also enter a 'CUSTOM' time as described below.

To enter a custom time:

1. Press the **PAGE** button until the Main Menu Page is displayed.
2. Use the **UP** and **DOWN** buttons to highlight 'SETUP' and press **ENTER**.
3. Use the **UP** and **DOWN** buttons to highlight 'SET TIMER' and press **ENTER**.
4. Use the **UP** and **DOWN** buttons to highlight the field below 'COUNT DOWN FROM' and press **ENTER**. The 'EDIT TIME' page is displayed.
5. Use the **UP** and **DOWN** buttons to highlight the number position you want to change and press **ENTER**.
6. Use the **UP** and **DOWN** buttons to highlight the desired number and press **ENTER**. Repeat this process until the number you would like to count down from is entered.
7. Use the **UP** and **DOWN** buttons to highlight 'OK' and press **ENTER**.

When you use the timer, it will count down from the time entered in the steps above. For complete information about the 'Set Timer' Page, refer to the "Setup Menu: Set Timer" section in this manual.

Using the Timer Page

After the Timer Page is enabled and a count down time is entered, you can use the timer for a variety of applications, such as running and sailboat racing. The synchronization and quick reset capabilities make the Foretrex an extremely handy timer.

To stop and start the timer:

1. Press the **PAGE** button until the Timer Page is displayed.
2. To start the timer, press the **ENTER** button when 'START' is displayed along the bottom of the page.
3. To stop the timer, press the **ENTER** button when 'STOP' is displayed along the bottom of the page.
4. Change the count down time temporarily by skipping ahead or back using the **UP** and **DOWN** arrows. This is especially handy when synchronizing your Foretrex timer to other timers, such as during a race. The timer can stop or start counting up after the count down timer expires.
5. Press the **UP** arrow to reset the timer to the original count down time so it is ready to use again.



TIP: When the timer is at 0:00, press the **ENTER** button to start the timer counting up from 0:00.

Timer Page



Timer Page:

Counting down from 10.00 minutes



Timer Page:

Expired timer

Main Menu Page



Main Menu Page



Waypoints Menu

Main Menu Page Basics

The Main Menu Page gives you access to the Foretrex 201 unit's waypoints, tracks, routes, and setup screens. When the Main Menu Page is displayed, use the **UP** or **DOWN** buttons to highlight the desired sub-page (Waypoints, Tracks, Routes, or Setup), and press **ENTER** to open that page.

The Main Menu Page also displays the current date and time along the top of the screen.

To access a Menu Page:

1. From the Main Menu page, use the **UP** and **DOWN** buttons to highlight the desired Menu Page, such as 'WAYPOINTS'.
2. Press the **ENTER** button to access that Menu Page.

The following Sub Pages are available: Waypoints, Tracks, Routes, and Setup. The Menu Pages and their options are described in the following pages.

Waypoints Menu Page

The Waypoints Menu Page provides access to your waypoints and allows you to delete and create waypoints.

To open the Waypoints Menu Page:

1. From the Main Menu Page, use the **UP** and **DOWN** buttons to highlight 'WAYPOINTS'.
2. Press the **ENTER** button to access the Waypoints Menu Page.

To create a waypoint:

1. From the Main Menu Page press the **UP** or **DOWN** button to highlight 'WAYPOINTS', then press the **ENTER** button.
2. Select 'CREATE NEW' and press **ENTER**.
3. The Mark Waypoint page is then displayed. Your current location is entered as the default location and 001 is entered as the default waypoint name. To edit elements of a waypoint (such as the symbol, name, or location), refer to section "Editing a Waypoint" beginning on page 21.

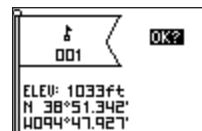
To select a waypoint from the List All page:

1. From the Main Menu Page press the **UP** or **DOWN** button to highlight 'WAYPOINTS', then press the **ENTER** button.
2. Select 'LIST ALL' to see an alphabetical listing of all Waypoints.
3. Press the **UP** or **DOWN** button to highlight the alphabetical tab containing the desired waypoint, then press the **ENTER** button.
4. Press the **UP** or **DOWN** button to select the waypoint and press the **ENTER** button to display the Review Waypoint Page.

Waypoints Menu Page



Waypoints Menu

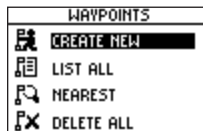


Mark Waypoint Page



List All Waypoints Page

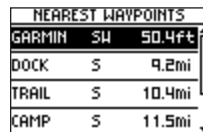
Waypoints Menu Page



Waypoints Menu

To view the nearest waypoints page:

1. From the Main Menu Page press the **UP** or **DOWN** button to highlight 'WAYPOINTS', then press the **ENTER** button.
2. Select 'NEAREST' and press the **ENTER** button to see a listing of the nine closest waypoints by name and distance from your location.



NEAREST WAYPOINTS		
GARMIN	SW	50.4ft
DOCK	S	9.2mi
TRAIL	S	10.4mi
CAMP	S	11.5mi

The image shows a handheld device screen with the title 'NEAREST WAYPOINTS' at the top. Below the title is a list of four waypoints. Each entry consists of a name, a direction indicator, and a distance. The list is: GARMIN SW 50.4ft, DOCK S 9.2mi, TRAIL S 10.4mi, and CAMP S 11.5mi. The screen has a simple, functional design with a monochrome display.

Nearest Waypoints Page

3. Press the **UP** or **DOWN** button to select the waypoint and press the **ENTER** button to display the Review Waypoint Page.

To delete all waypoints:

1. From the Main Menu Page press the **UP** or **DOWN** button to highlight 'WAYPOINTS', then press the **ENTER** button.
2. Select 'DELETE ALL' and press the **ENTER** button.
3. A confirmation message box displays asking if you really want to delete all waypoints. Press the **UP** or **DOWN** button to highlight the correct choice and press the **ENTER** button to complete the action.



Delete All Waypoints

Waypoints Menu Page

Marking a Waypoint

The Mark Waypoint Page, shown to the left, allows you to define a location as a waypoint and then change the waypoint symbol, name, elevation, and location (latitude and longitude). Entering a known location, then saving it as a Waypoint, works well for geocaching.

To mark a waypoint:

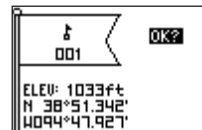
You may mark a waypoint one of two ways:

- Press and hold the **ENTER/MARK** button.
The Mark Waypoint Page displays.
- Press **PAGE** to view the Main Menu.
Select Waypoints and press **ENTER**.
Select 'Create New'.
The Mark Waypoint Page displays.

Editing a Waypoint

After you have marked a waypoint using one of the above methods, the Mark Waypoint Page displays. You can change elements of the waypoint from this page. You can enter a new name, select a new symbol, and enter a new elevation and latitude/longitude. Highlight **OK?** and press **ENTER** to save the waypoint.

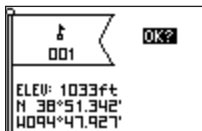
You may also edit elements of an existing waypoint using the same methods. The only difference is that you will be editing from the Waypoint Review Page instead of the Mark Waypoint Page.



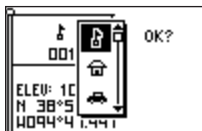
Mark Waypoint Page

Main Pages

Waypoints Menu Page



Mark Waypoint Page



Changing the waypoint symbol



Edit Waypoint Name Page

To change the symbol:

1. From the Main Menu Page press the **UP** or **DOWN** button to highlight 'MARK'. Press the **ENTER** button to display the Mark Waypoint Page.
2. Press the **UP** or **DOWN** button and highlight the symbol in the flag.
3. Press the **ENTER** button to display the list of waypoint symbols.
4. Use the **UP** and **DOWN** buttons to select the desired symbol. The symbol list automatically scrolls as you use the arrow buttons to display all the symbols available.
5. When the desired symbol is highlighted, press the **ENTER** button.

To change the name:

1. From the Main Menu Page press the **UP** or **DOWN** button to highlight 'MARK'. Press the **ENTER** button to display the Mark Waypoint Page.
2. Press the **UP** or **DOWN** button and highlight the 'NAME' field (001 is the default name for the first waypoint).
3. Press the **ENTER** button to display the EDIT WAYPOINT NAME Page.
4. Press the **ENTER** button to display a drop-down list of characters.
5. Using the **UP** and **DOWN** buttons, scroll to the desired letter or number and press enter.



Selecting a character for the waypoint name

6. Repeat this process until all characters of the waypoint name are entered.
7. Use the **UP** and **DOWN** buttons to highlight 'OK' and press **ENTER**.

To change the elevation:

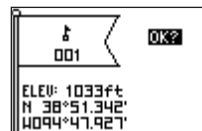
1. From the Main Menu Page press the **UP** or **DOWN** button to highlight 'MARK'. Press the **ENTER** button to display the Mark Waypoint Page.
2. Press the **UP** or **DOWN** button and highlight the 'ELEV' field and press the **ENTER** button to display the ENTER CORRECT ELEVATION Page.
3. Use the **UP** or **DOWN** button to highlight the desired digit and press the **ENTER** button to display a selection window. Press the **UP** or **DOWN** button to select a new number and press the **ENTER** button. Repeat until all numbers are changed.
4. Press the **UP** or **DOWN** button to highlight 'OK' and press **ENTER** to display the Mark Waypoint Page with the corrected elevation.

To change the location (latitude/longitude):

1. From the Main Menu Page press the **UP** or **DOWN** button to highlight 'MARK' then press the **ENTER** button to display the Mark Waypoint Page.
2. Press the **UP** or **DOWN** button and highlight the 'LAT/LON' field and press the **ENTER** button to display the EDIT LOCATION Page.
3. Scroll through the latitude and longitude position places using the **UP** or **DOWN** button (**UP** button to move right to left, **DOWN** button to move left to right). When you reach the position place you want to change, stop and press the **ENTER** button.

Using the **UP** or **DOWN** button, scroll through the choices and highlight the one you want. Press the **ENTER** button and the position place is now changed. Repeat until all changes are made.

4. Press the **UP** or **DOWN** button to highlight 'OK' and press **ENTER** to return to the Mark Waypoint Page.

Waypoints Menu Page

Mark Waypoint Page

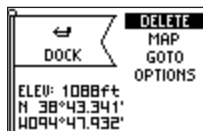


Edit Location Page



Enter Correct Elevation Page

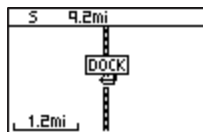
Waypoints Menu Page



Review Waypoint Page



Delete Waypoint Page



Waypoint on Map

Review Waypoint Page

The Review Waypoint Page allows you to change the waypoint symbol, name, elevation and location (just as on the Mark Waypoint Page). You can also delete the waypoint, display the waypoint on the Map Page, start a GOTO, and display the Review Waypoint Page Options.

To delete a waypoint:

1. On the Review Waypoint Page, press the **UP** or **DOWN** button to highlight 'DELETE'.
2. Press the **ENTER** button.

A confirmation message box displays asking if you really want to delete the waypoint. If you do, press the **UP** or **DOWN** button, highlight 'YES', and press ENTER.

If you do not want to delete the waypoint, press the **UP** or **DOWN** button, highlight 'NO' and press the **ENTER** button.

To view the waypoint on the map:

1. On the Review Waypoint Page, press the **UP** or **DOWN** button to highlight 'MAP'.
2. Press the **ENTER** button.
3. The Map Page is displayed with the selected waypoint visible. Use the **DOWN** and **UP** buttons to zoom in and out on the map.
4. Press **PAGE** to return to the Review Waypoint Page